

COMMISSION FILE NO: 21-084-6 **DATE INTRODUCED:** June 14, 2021

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Award of Contract M03108P01, Impact of Water Levels on District Assets, Water Reclamation Facilities and District Headquarters

SUMMARY:

The Commission is requested to award and to direct the Executive Director to execute on behalf of the District Contract M03108P01, Impact of Water Levels on District Assets, Water Reclamation Facilities (WRF's) and District Headquarters (HQ), with Ramboll Americas Engineering Solutions, Inc., (Ramboll) in an amount not to exceed \$416,305. Ramboll submitted the only proposal. The review committee determined that Ramboll is qualified to perform the tasks for this contract.

Lake and river water surface elevations have been at historical lows and highs in the past decade. Extreme highs and lows are predicted for the future due to climate change. The Federal Emergency Management Agency (FEMA) predicts even higher lake levels at the WRF's due to wave runup. The District must protect its assets from the adverse effects of these water surface elevation fluctuations, ensuring that District assets at the WRF's and at District HQ continue to work as intended. A separate contract (M03108P02) has already been awarded and is addressing water level risks in the conveyance system.

This project consists of a planning level study to identify District WRF and HQ assets that could potentially be affected by high or low water surface elevations (lake and river). The District WRF Asset Management Team and Freshwater Resources Monitoring Group have identified risks that the consultant will evaluate as well as other risks that are identified throughout the process.

ATTACHMENTS: **BACKGROUND** ☐ **KEY ISSUES** ☐ **RESOLUTION** ☒
FISCAL NOTE ☒ **S/W/MBE** ☒ **OTHER** ☐ _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Award of Contract M03108P01, Impact of Water Levels on District Assets, Water Reclamation Facilities and District Headquarters

The consultant shall evaluate Jones Island WRF, South Shore WRF, and the HQ properties for other assets and asset systems that may be affected by high and/or low lake levels. The consultant shall propose alternatives to reduce risks and provide planning-level cost estimates associated with identified feasible alternatives. The consultant will deliver recommendations that may lead to future capital projects. The consultant's evaluations will be summarized in two technical memoranda that will be incorporated with the recommendations into the final deliverable of a capital improvement plan.

The overall contract includes the following major tasks: project management and planning services.

The contract duration is 12 months.

RESOLUTION

Award of Contract M03108P01, Impact of Water Levels on District Assets, Water Reclamation Facilities and District Headquarters

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that Contract M03108P01, Impact of Water Levels on District Assets, Water Reclamation Facilities and District Headquarters, is awarded to Ramboll Americas Engineering Solutions, Inc., in an amount not to exceed \$416,305, and that the Executive Director is directed to execute a contract on behalf of the District.